

INVENTOR : MISHIMA YOSHIO;

TITLE : DIESEL GENERATOR FOR EMERGENCY

ABSTRACT : PURPOSE: To perform the maintenance operation with the minimum required number of cylinders by providing two valves opened or closed in turn between a fuel pump and a fuel injection pump and connecting one valve to fuel injection valves via spherical valves provided on the fuel injection valves respectively.

CONSTITUTION: The first and second valves 9a, 9b opened or closed by a solenoid valve 8 are provided between a fuel pump 4 and a fuel injection valves 5 (5a~5h), and one valve is opened when the other is closed. The first valve 9a is connected to the inlet of the fuel injection valves 5a~5h, and the second valve 9b is connected to the fuel injection valves 5a~5h via spherical valves 10a~10h provided on the fuel injection valves 5a~5h respectively. At the time of the maintenance operation, the spherical valves 10 to the minimum required fuel injection valves are opened, the fuel from the fuel pump 4 passes the second valve 9b and passes the opened spherical valves 10 and drives the required number of cylinders through the fuel injection valves. Accordingly, all cylinders are not necessarily required to be operated.

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